

For Research Use Only



CoraLite® Plus 488-conjugated Alpha 1B-Glycoprotein Monoclonal antibody

Catalog Number: **CL488-66260**

Basic Information

Catalog Number: CL488-66260	GenBank Accession Number: BC035719	Purification Method: Protein G purification
Size: 1000 µg/ml	GeneID (NCBI): 1	CloneNo.: 4D4E5
Source: Mouse	UNIPROT ID: P04217	Recommended Dilutions: IF/ICC 1:50-1:500
Isotype: IgG1	Full Name: alpha-1-B glycoprotein	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG5414	Calculated MW: 54 kDa	
	Observed MW: 72 kDa	

Applications

Tested Applications:
IF/ICC

Species Specificity:
human

Positive Controls:

IF/ICC : HepG2 cells,

Background Information

Alpha-1B-glycoprotein (A1BG) is a plasma protein and is a member of the immunoglobulin superfamily. A1BG contains 474 amino acids and has 5 intrachain disulfide bonds. It has been reported that cysteine-rich secretory protein 3 (CRISP-3) is a specific and high-affinity ligand of A1BG. A1BG-CRISP-3 complex displays a similar function in protecting the circulation from a potentially harmful effect of free CRISP3 (PMID: 15461460).

Storage

Storage:

Store at -20°C. Avoid exposure to light.

Storage Buffer:

PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

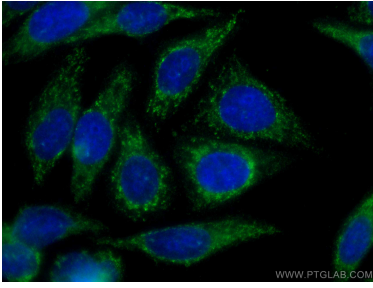
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

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Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using CoraLite® Plus 488 Alpha 1B-Glycoprotein antibody (CL488-66260, Clone: 4D4E5) at dilution of 1:100.